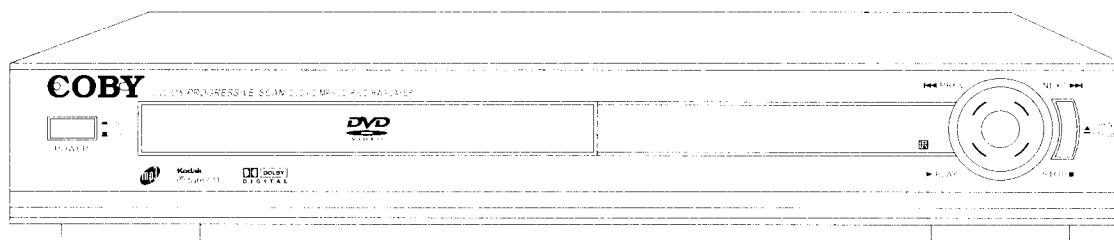


NEW MODEL

COBY®

DVD-515

User Manual



Please read this User Manual carefully to ensure proper use of this product and keep this manual for further reference.



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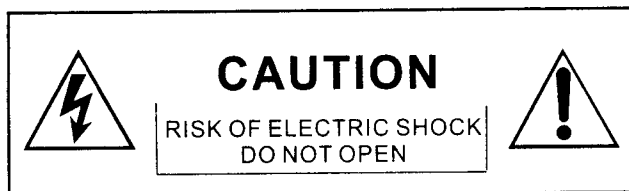
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THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE UNIT'S CABINET THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE MANUAL ACCOMPANYING THE UNIT.

WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. NEVER ATTEMPT TO OPEN THE CABINET, DANGEROUS HIGH VOLTAGES ARE PRESENTED IN THE UNIT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE- BLADE PLUG WITH WIDE SLOT AND FULLY INSERT. THE APPARATUS SHALL NOT BE EXPOSED TO WATER AND NO OBJECTS FILLED WITH LIQUID SUCH AS VASES SHALL BE PLACED ON THE APPARATUS.

CAUTION:

THE UNIT EMPLOYS A LASER SYSTEM. TO ENSURE THE PROPER USE OF THE UNIT, READ THIS MANUAL CAREFULLY AND KEEP IT FOR FUTURE REFERENCE.

IF THE UNIT REQUIRES SERVICING, CONTACT THE SELLER OR SEE "TROUBLESHOOTING".

TO PREVENT DIRECT EXPOSURE TO THE LASER RADIATION, DO NOT OPEN THE CABINET. VISIBLE LASER MAY RADIATE WHEN THE CABINET IS OPENED OR THE INTERLOCKS ARE DEFEATED. DO NOT STARE INTO THE LASER BEAMS.

CAUTION:

THE DVD VIDEO PLAYER IS A CLASS 1 LASER PRODUCT. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. AS THE LASER BEAM USED IN THIS DVD VIDEO PLAYER IS HARMFUL TO THE EYES, DO NOT ATTEMPT TO DISASSEMBLE THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

WARNING:

FCC REGULATIONS STATE THAT ANY CHANGE OR MODIFICATION TO THE EQUIPMENT, NOT EXPRESSLY APPROVED BY MAKER OR ITS AUTHORIZED PARTIES, COULD VOID USER'S AUTHORITY TO OPERATE THIS EQUIPMENT.

Important Safety Instructions

1. Read Instructions

All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions

All operating instructions should be followed.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Water and Moisture

Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. Portable Cart Warning

A product and cart combination should be moved with care. Quick stop, excessive force, and uneven surface may cause the product and cart combination to overturn.



(Symbol provided by RETAC)

Check sizing of SPECIFICATIONS

10. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

12. Grounding or Polarization

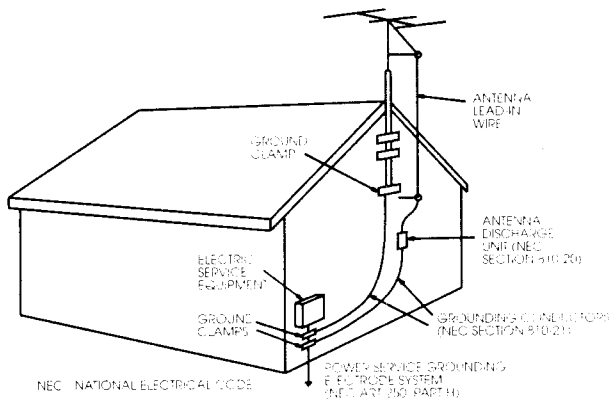
This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13. Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

14. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antennadischarge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.



15. Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power lines surges.

16. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.

18. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

19. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- A) When the power-supply cord or plug is damaged,
- B) If liquid has been spilled, or objects have fallen into the product,
- C) If the product has been exposed to rain or water,
- D) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
- E) If the product has been dropped or damaged in any way.
- F) When the product exhibits a distinct change in performance this indicates a need for service.

21. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

22. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23. Wall or Ceiling Mounting

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

- Please use the original box and packing materials for safe transportation of this product.

- It is normal for the cover and rear panel to become warm after the player has been operating for an extended period of time.

- Do not move this product during playback. Doing so may cause damage to the pickup and the disc.

Press **OPEN/CLOSE** on the front panel or remote to open or close the disc tray. Do not push or touch the tray while it is opening or closing.

Features

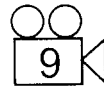
Introduction

- Full compatibility with DVD, CD, MP3, Kodak Picture CD, CD-R and CD-RW (finalized)
- Screensaver
- Coaxial digital audio output
- S-video, composite video and component (Y, Pb, Pr) video outputs

Disc formats supported by this player:



Dolby Digital



Multi-angle



KODAK picture CDs



Closed Caption



MP3 files on CD-R/CD-RW



Subtitle choices



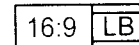
DVD video



Audio choices



Parental Lock



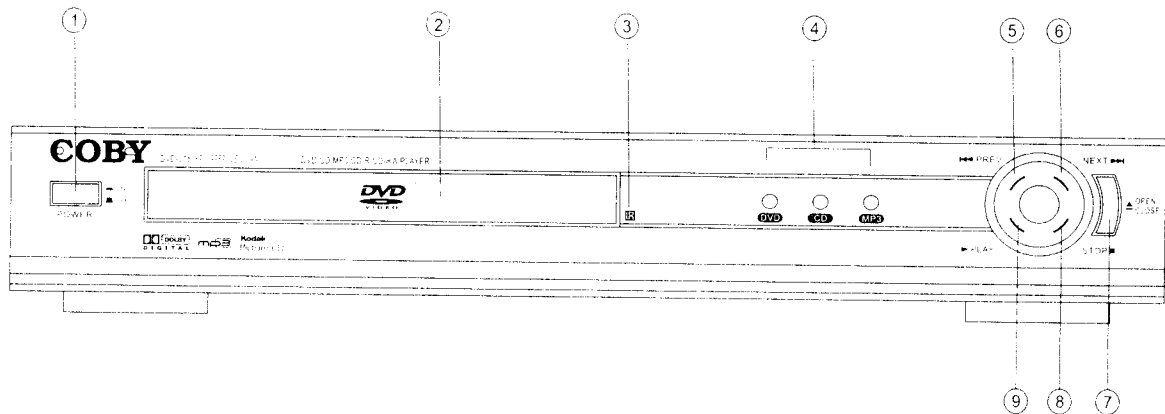
TV Aspect Ratio modes

This product incorporates copyright protection technology that is protected by method claims of certain U. S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

The product complies with the KODAK Picture CD format and will display KODAK Picture CDs. The "KODAK Picture CD Compatible" logo is a trademark of Eastman Kodak Company and is used with permission.

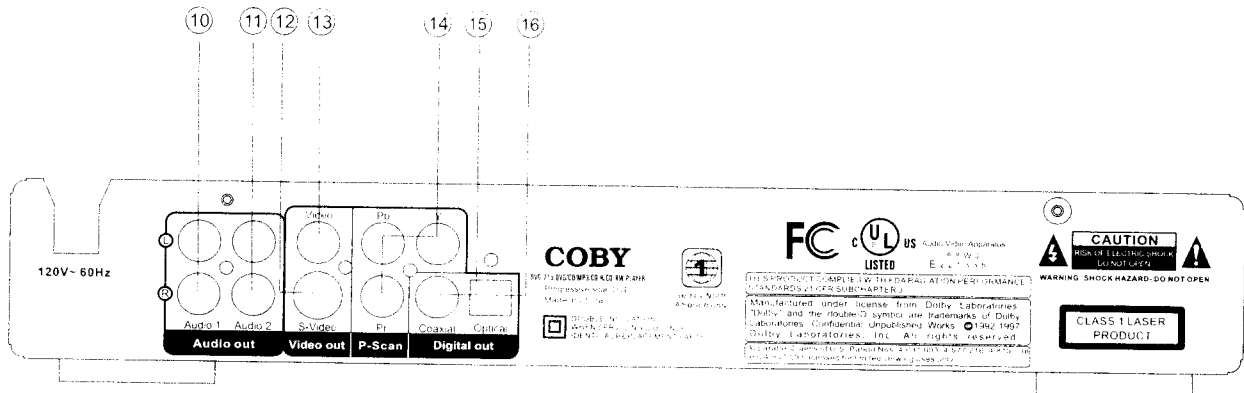
Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. © 1992-1997 Dolby Laboratories, Inc. All rights reserved.

Front panel

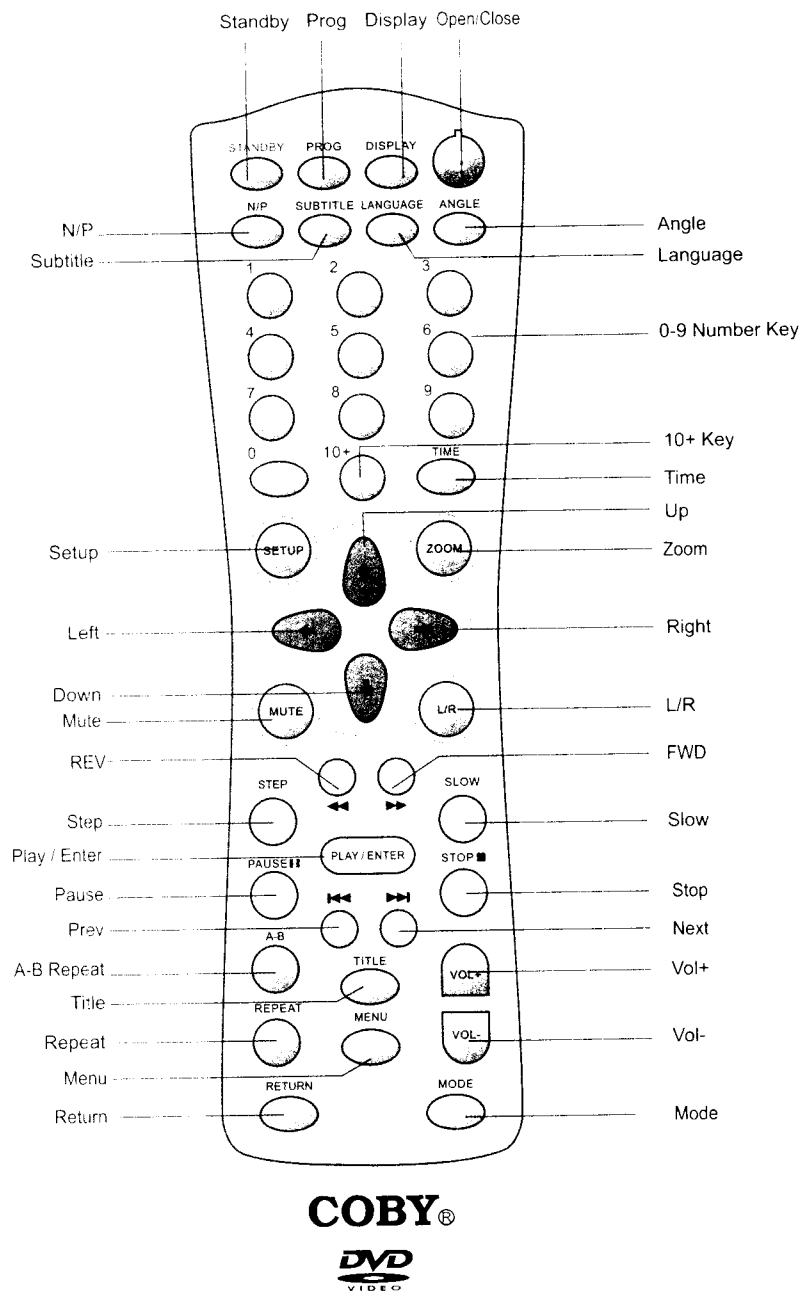


- | | | |
|-------------|-------------------|--------------|
| ① POWER | ④ DISC TYPE LIGHT | ⑦ OPEN/CLOSE |
| ② DISC TRAY | ⑤ PREV | ⑧ STOP |
| ③ SENSOR | ⑥ NEXT | ⑨ PLAY |

Rear panel

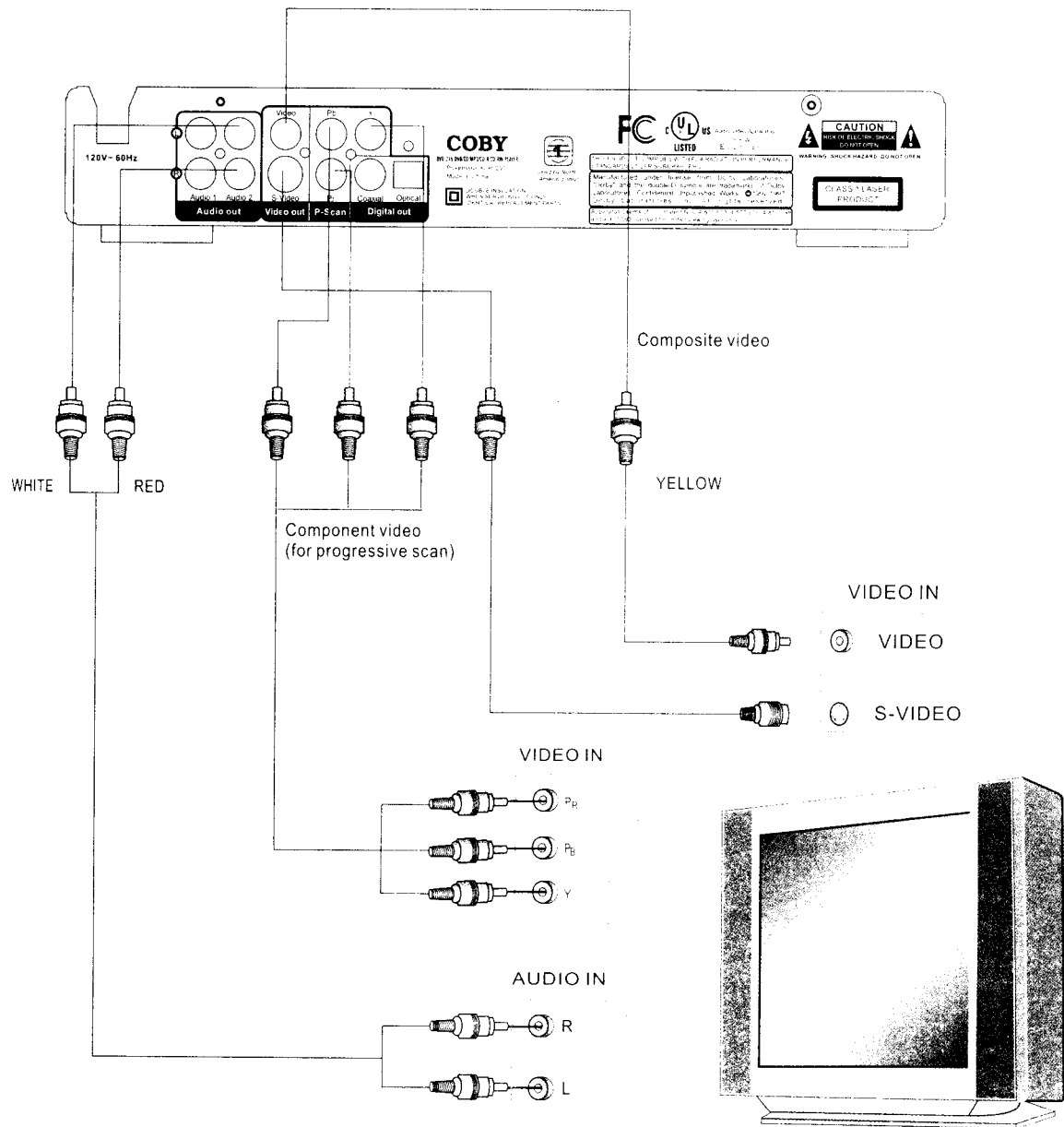


- | | |
|--------------------------|--|
| ⑩ Audio1 L/R output jack | ⑭ Component output jack for Progressive Scan |
| ⑪ Audio2 L/R output jack | ⑮ Digital signal coaxial output jack |
| ⑫ S-Video output jack | ⑯ Digital signal optical output jack |
| ⑬ Video output jack | |



Note:

1. Please note that reference numbers for the remote are described beginning on page 26 of this manual.
2. In this manual, "←" "→" "↑" "↓" will be used to represent different NAVIGATION ARROWS on the remote respectively.
3. In order to operate any of the remote functions, you must first press the Power button on the DVD player.



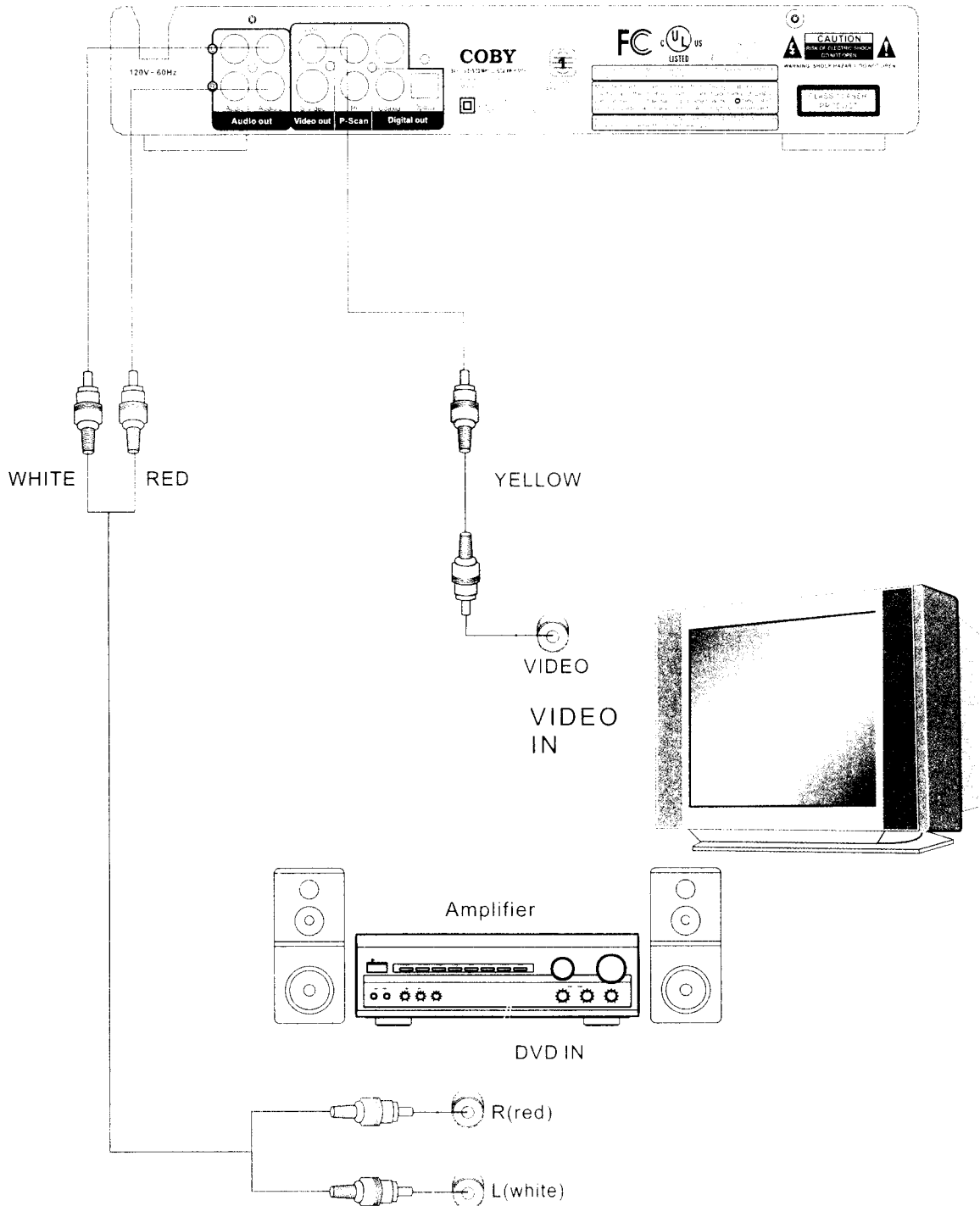
Notes:

There are three ways of connecting the player's AV output to the TV set:

1. S-video cable and left/right audio cable [set the (Video Type) to (S-Video)].
2. Composite video cable and left/right audio cable.
3. Component video cable and left/right audio cable [set the (Video Type) to (Y, Pb, Pr)].

Only attach one video connection at a time, to prevent picture interference.

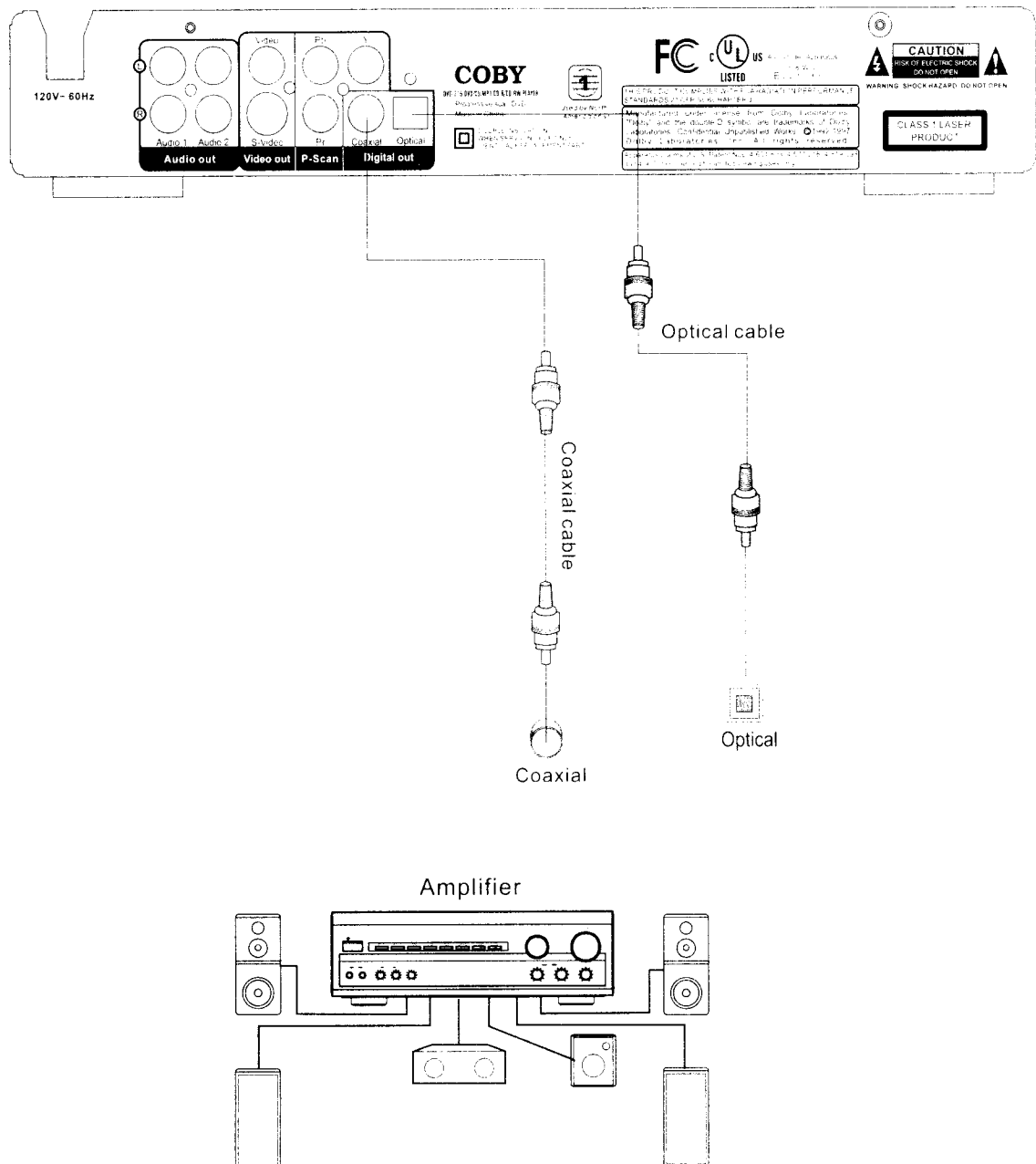
Connecting to an AV Amplifier with 2 Channel Analog Audio Input Connections



Notes:

1. Set the TV to the AV input connected to the DVD player.
2. Set the Amplifier to the AV input connected to the DVD player.

Connecting to an AV Amplifier with Digital Audio Input Connections



Notes:

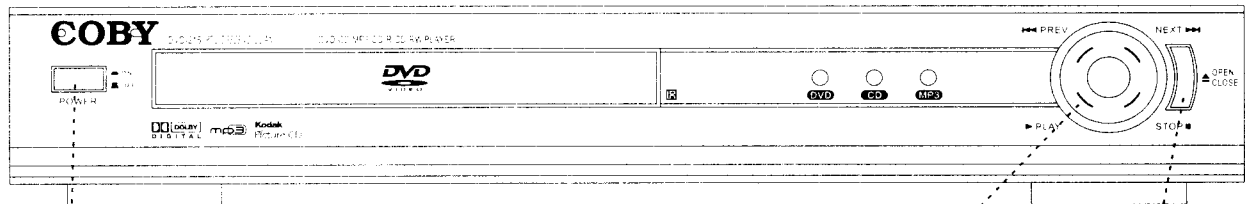
1. Select the Coaxial digital audio output.
2. Set the player's audio out to **Raw** or **PCM** mode .
3. Set the Amplifier to the AV input connected to the DVD player.

Basic Operation

Basic Playback

Preparation before playing:

1. Connect the DVD player to your TV and amplifier.
2. Turn on the TV.
3. Set the TV to the AV input connected to the DVD player.
4. Turn down the volume on your amplifier, and then power it on.
5. Set the amplifier to the AV input connected to the DVD player.



STEP 1 - Press POWER to start the player. The DVD logo appears on the TV screen.

STEP 3 - Press the PLAY button on the front panel or remote control. The player will automatically read and identify the disc, and begin playback.

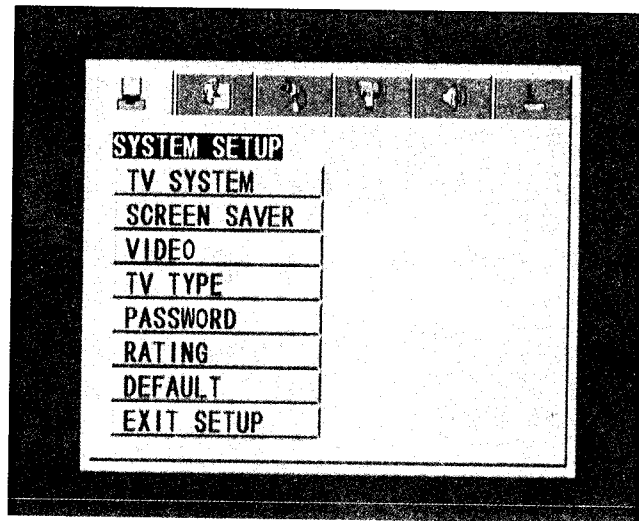
STEP 2 - Press OPEN/CLOSE either on the front panel or remote control. When the tray is opened, place the disc on the tray with the label side up. Press OPEN/CLOSE again to close the disc tray.

The Setup Menu System

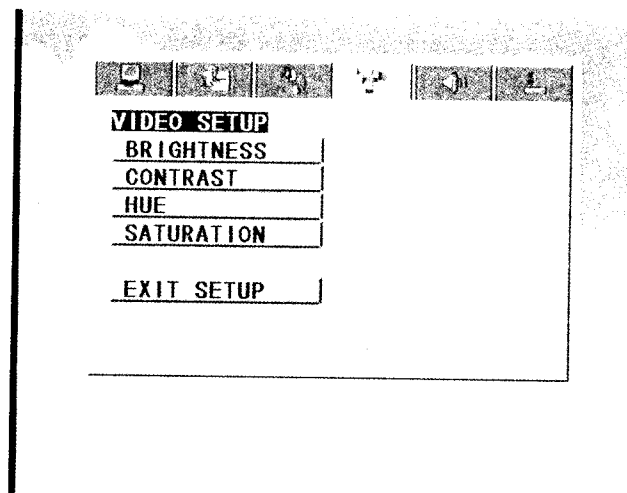
Advanced Features

1. General Steps of Setup Menu

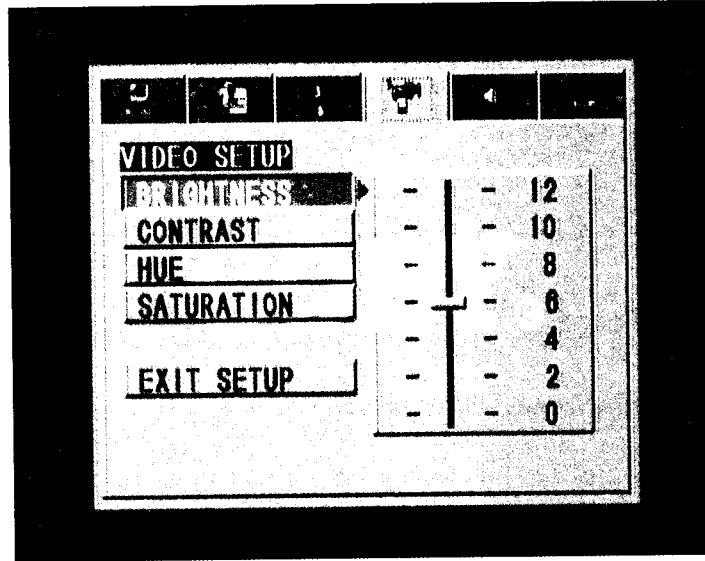
- a) Press the Setup button, the main setup menu appears.



- b) Press the Left and Right arrow buttons to highlight the icon of the desired page, then press the Down or Right arrow button to activate that page; For example, if you want to setup the video page, press Right to highlight the video icon, the video page will be displayed on the screen.



- c) Press the Down arrow to highlight the desired option. Press Enter to select and the choices for that option will appear on the right side of the screen. For example, press the Down arrow to highlight BRIGHTNESS, then press Enter to select, the brightness choices appear on the right.

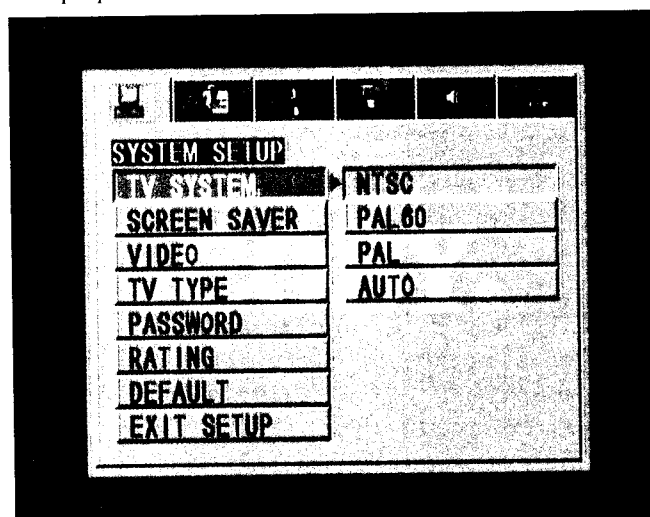


- a) Press the Arrow buttons to highlight the Exit Setup option, then press Enter or Setup again to exit Setup Menu.

2. Setup Items Introduction

2.1 SYSTEM SETUP

The system setup options are illustrated below:



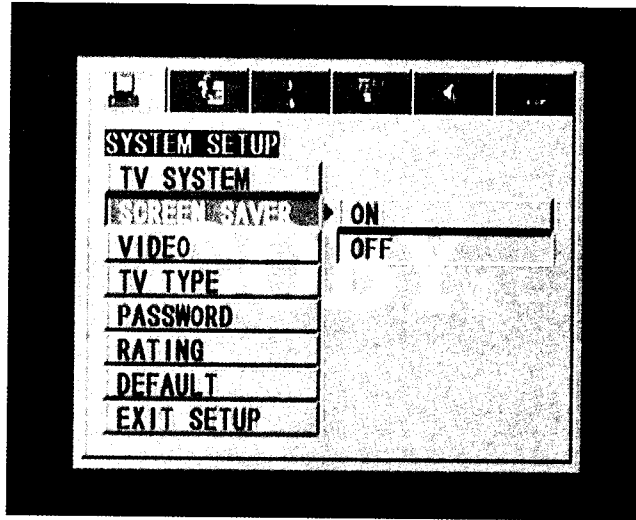
The Setup Menu System

Advanced Features

2.1.1 TV SYSTEM

According to the Color System of the TV, you can choose the TV System.

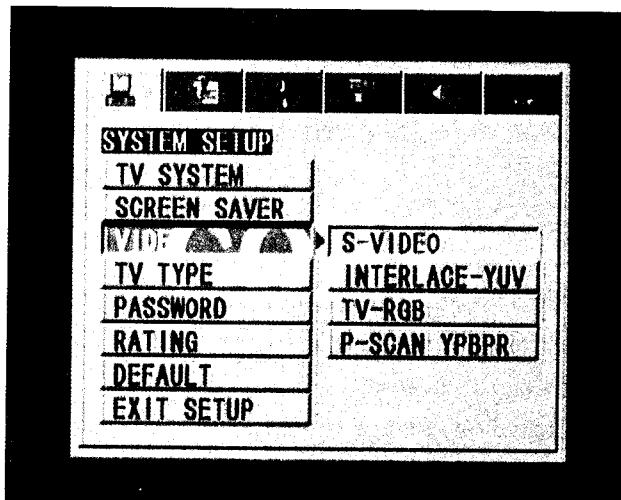
- a. NTSC: Choose this settings if your DVD player is connected to a NTSC TV.
 - b. The United States uses NTSC, while Europe uses the PAL broadcast system. If your picture is colorless and rolling, you have chosen the incorrect broadcast system. Press the N/P button to change the system back.
 - c. PAL: Choose this settings if your DVD player is connected to a PAL TV.
 - d. AUTO: Choose this settings if your DVD player is connected to a multi-system TV.
- The default setting is NTSC.



2.1.2 SCREEN SAVER

If the screen saver is on, when your DVD player is in Stop, Open, or No Disc state, or there is a frame frozen for more than 60sec, the screen saver will be displayed. This feature can protect the screen from damage.

- a. ON: Choose this setting to activate the screen saver.
- b. OFF: Choose this setting to cancel the screen saver

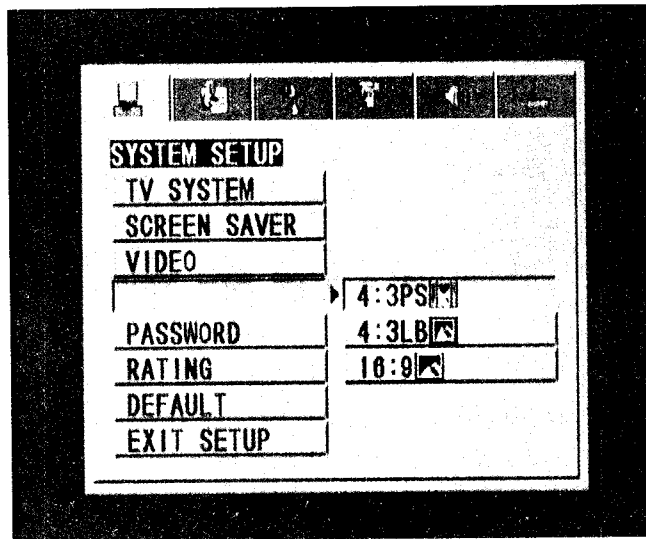


2.1.3 VIDEO

- a. S-VIDEO: Choose this setting if your DVD player is connected to a TV with an S-Video cable or composite video cables.
- b. Interlace-YUV: Choose this setting if your DVD player is connected to a TV with Y, Cb, Cr video cables.
- c. TV-RGB: Choose this setting if your DVD player is connected to a TV with an S-Video cable or composite video cables.
- d. P-SCAN: Choose this setting if your DVD player is connected to a progressive scan TV with Y, Cb, Cr video cables.

Notes:

Only choose PSCAN if your DVD player is connected to a Progressive Scan TV with Y, Cb, Cr cables.



2.1.4 TV TYPE

- a. 16 : 9 (Wide Screen): Choose this setting when your DVD player is connected to a normal ratio TV connector. You will see movies in their original aspect ratio. You will see the entire frame of the movie but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.
- b. 4 : 3 LB (Letter Box): Choosing this setting if your DVD player is connected to a normal ratio TV. connector You'll see the movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.
- c. 4 : 3 PS (Pan & Scan): Choose this setting if your DVD player is connected to a normal ratio TV. You can fill the movie to the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

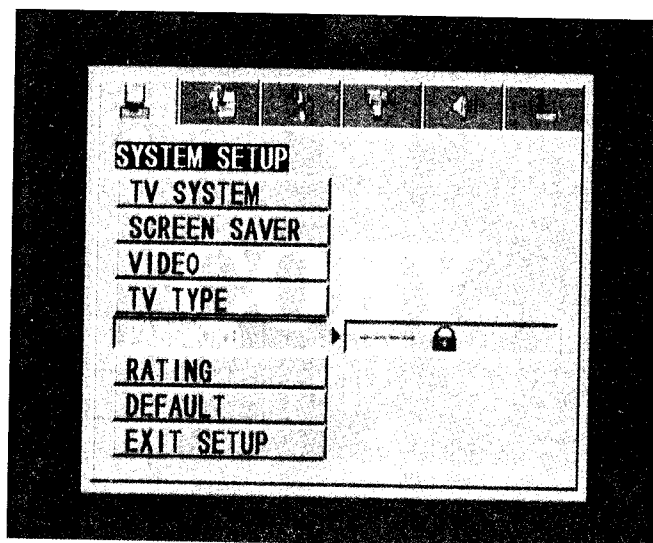
The Setup Menu System

Advanced Features

Notes:

- The image display ratio is related to the recorded disc format. Some disc can not display images in the aspect ratio you choose.
- If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen.
- You must adjust the screen setting depending on the type of the television you have.

WARNING: Please keep a copy of the new pass code in a safe place, otherwise you will not be able to change the Parental Control

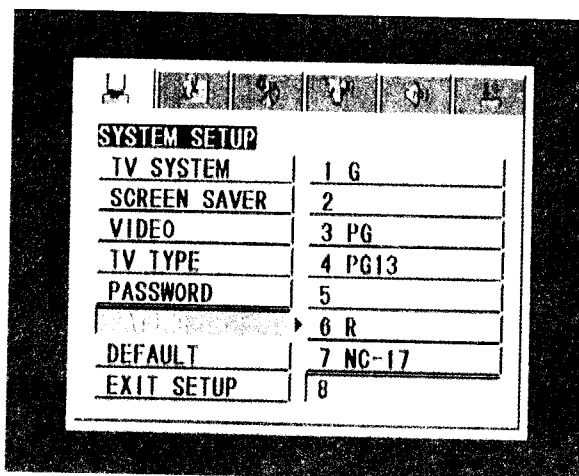


2.1.5 PASSWORD

The password is initially locked, and you cannot set the rating or change the password. In order for the Ratings feature to work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password which is 0000, then press Enter to confirm. To change the password, you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).

Please remember your PASSWORD, as the DEFAULT setting will revert everything But the PASSWORD to the factory defaults .

The password defaults setting is 0000



2.1.6 RATING

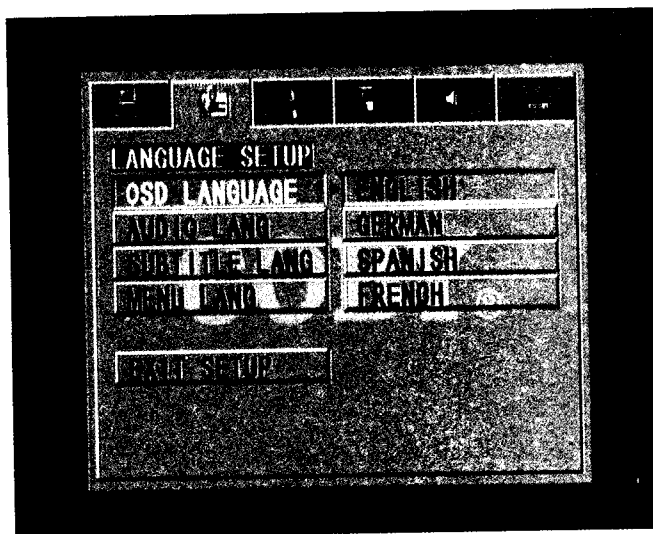
The Rating feature is a rating limit system, Similar to movie ratings. It works with

DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

The rating default setting is level 8, which allows all discs to be viewed.

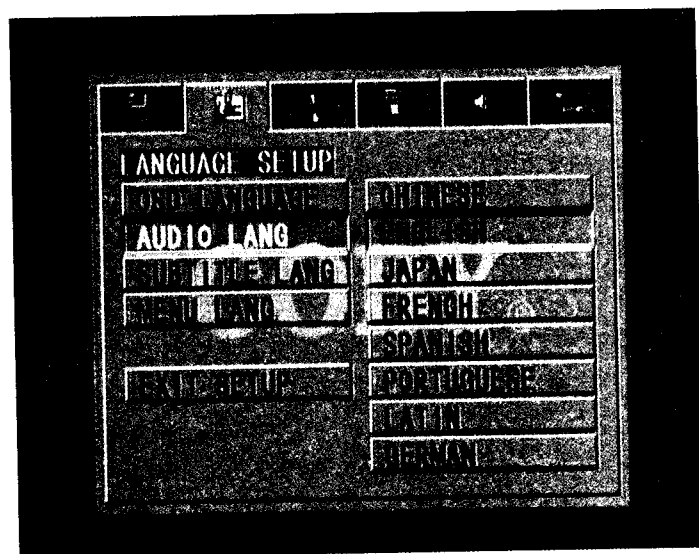
2.2 LANGUAGE SETUP

The language setup options are illustrated below:



2.2.1 OSD LANGUAGE

Highlight the OSD LANGUAGE option, and press the Arrow buttons to choose the OSD language you prefer. Press Enter to confirm, and it will display OSD in that language; There are 4 optional OSD languages: English, German, Spanish, French. The Default setting is ENGLISH.



2.2.2 AUDIO LANG

Highlight the AUDIO LANG option, and press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will output that language. There are 8 optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.



2.2.3 Highlight the SUBTITLE LANG option, and press the Arrow buttons to choose the subtitle language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays subtitles in that language; There are 8 optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Off.



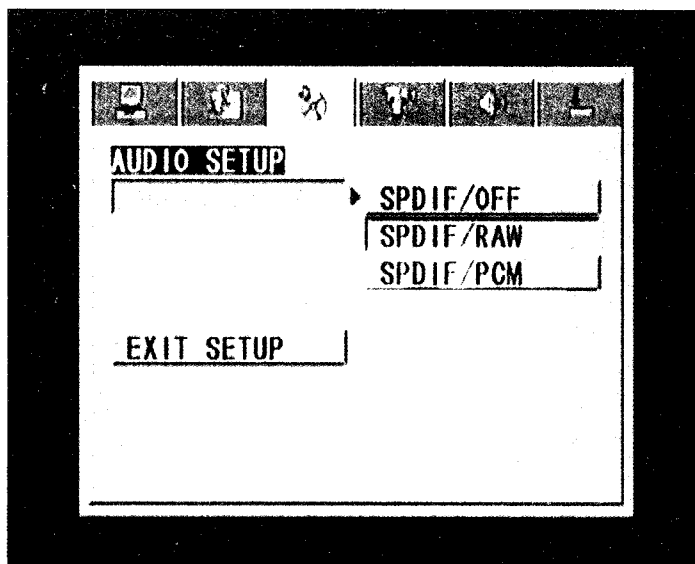
2.2.4 Highlight the MENU LANG option, and press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will display the menu in that language; There are 8 optional menu languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Off.

Notes:

a) If your preferred language is not available, the disc's default language will be played.

2.3 AUDIO SETUP

The audio setup options are illustrated below:

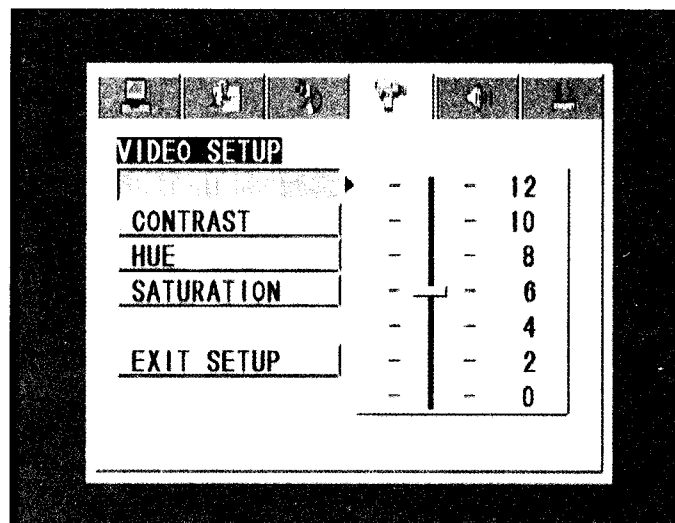


2.3.1 Highlight the AUDIO OUT option, and press the Arrow buttons to choose the audio output mode you prefer. Press Enter to confirm: There are 3 optional audio output modes: ANALOG, SPDIF / RAW, and SPDIF / PCM.

- a) ANALOG: From the Coaxial Output jack and the Optical Output jack, no signal is output.
- b) SPDIF / RAW: Choose this setting if your DVD player is connected to a power amplifier with coaxial cable or an optical cable. When playing a disc recorded with Dolby Digital, DTS and MPEG audio formats, the corresponding digital signals will be output from the Coaxial Output jack or Optical Output jack. This player's digital output jacks are designed for a connection to a Dolby Digital, DTS, or MPEG receiver or decoder.
- c) SPDIF / PCM: Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier; When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into a 2-channel PCM signal, and it will be output from the Coaxial Output jack or Optical Output jack.

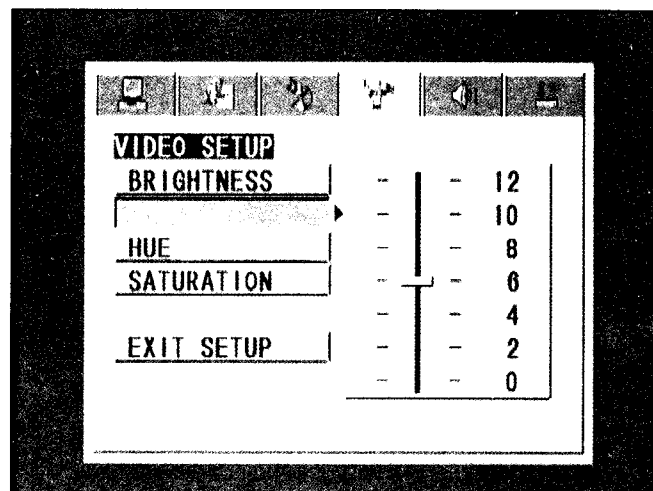
2.4 VIDEO SETUP

The video setup options are illustrated below:



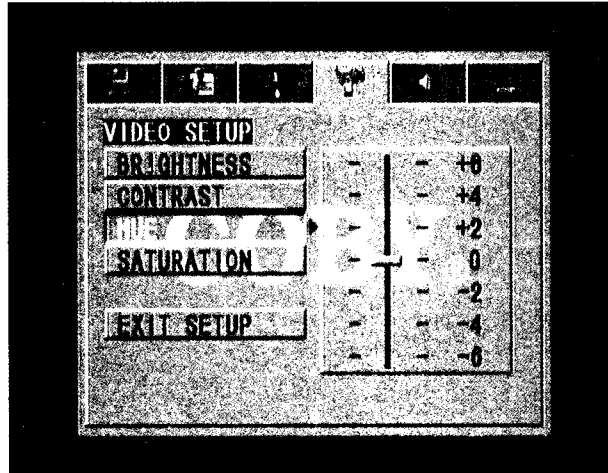
2.4.1 BRIGHTNESS

Use the Up and Down arrow buttons to move the scroll and adjust the brightness.



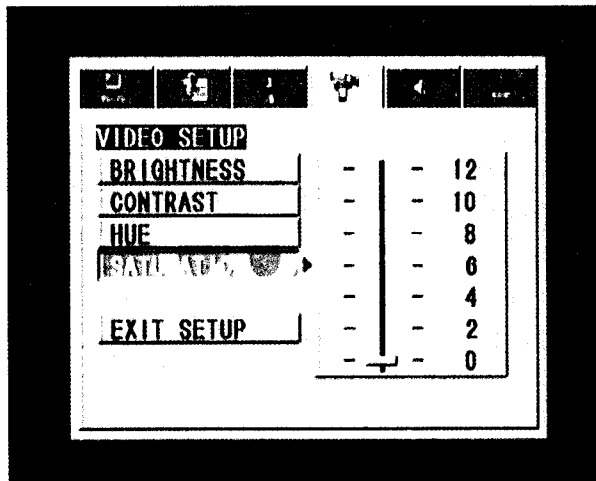
2.4.2 CONTRAST

Use the Up and Down arrow buttons to move the scroll and adjust the contrast.



2.4.3 HUE

Use the Up and Down arrow buttons to move the scroll and adjust the hue.



2.4.4 SATURATION

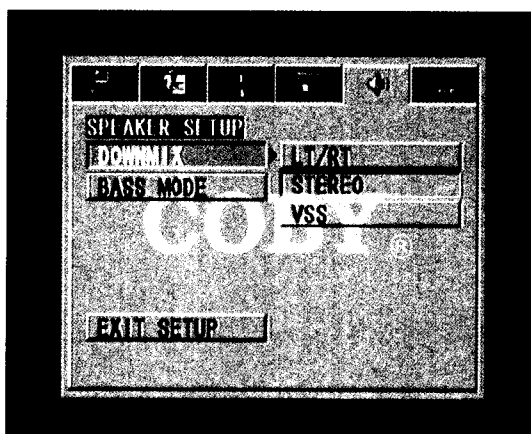
Use the Up and Down arrow buttons to move the scroll and adjust the saturation.

2.5 SPEAKER SETUP

The speaker setup options are illustrated below:

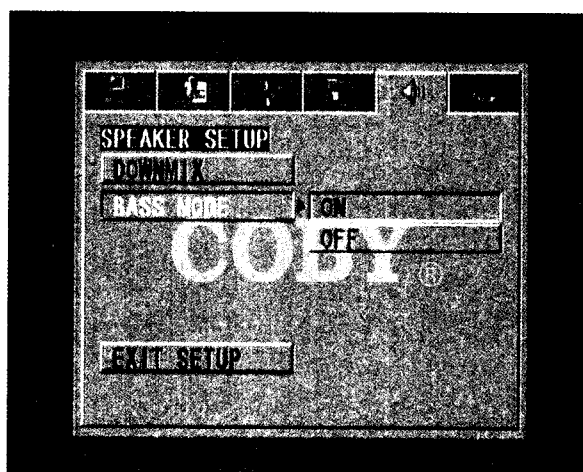
2.5.1 DOWNMIX

- a) **LT / RT** Choose this setting when you are connected to a 2 Channel Analog Audio Input.
- b) **STEREO** Choose this setting when the DVD player is connected to a TV or RF modulator.
- c) **VSS** Choose this setting to listen to the soundtrack effects, recorded on a disc formatted in 5.1 Channel Surround Sound.



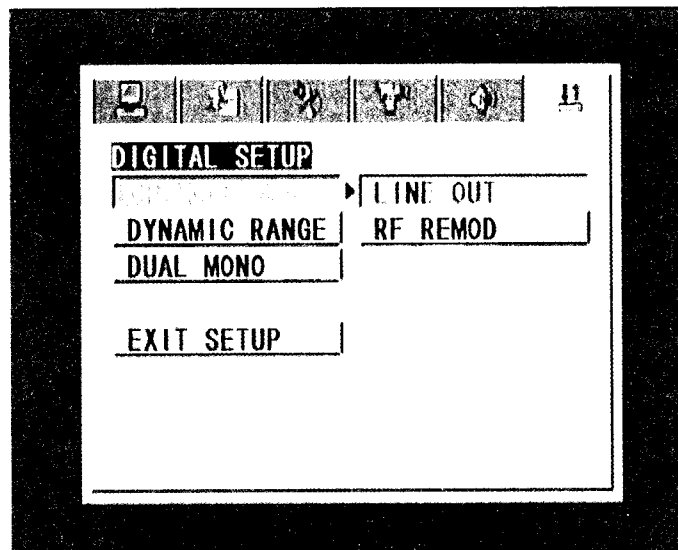
2.5.2 BASS MODE

There are TWO settings in this option: ON/OFF



2.6 DIGITAL SETUP

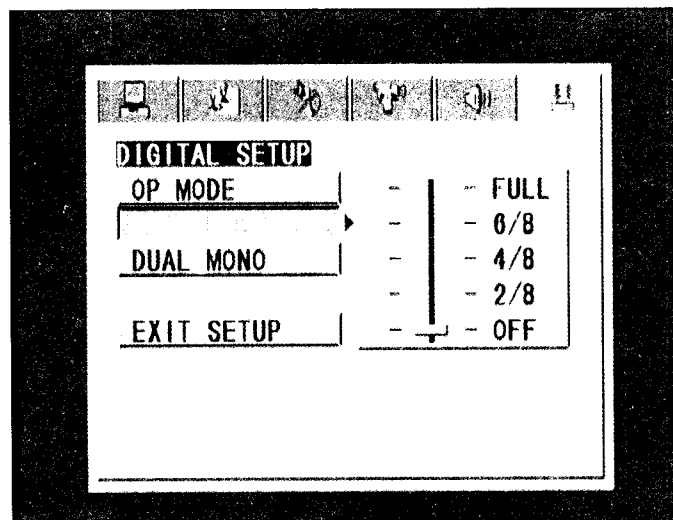
The DIGITAL SETUP options are illustrated below:



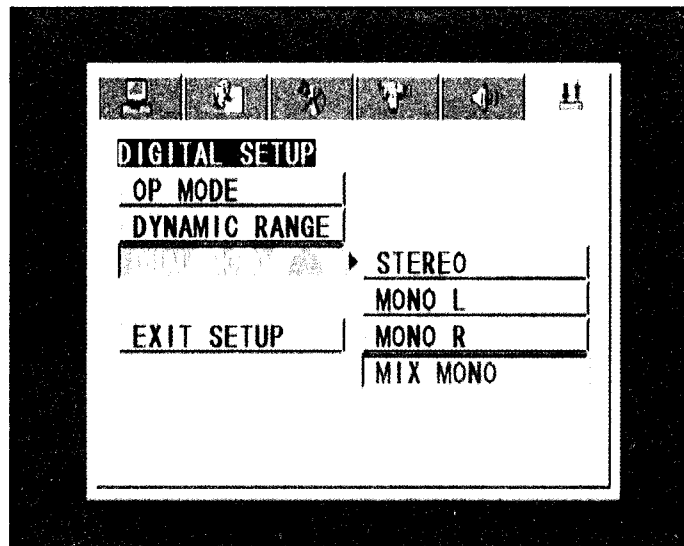
2.6.1 OP MODE

LINE OUT This setting is more suitable to use when playing discs at a high volume during the night.

RF REMOD This setting is more suitable to use when playing discs at a high volume during the day.



2.6.2 DYNAMIC RANGE: When LINE OUT is selected, choose this setting to adjust the line out ratio for different effects.



2.6.3 DUAL MONO (LEFT + RIGHT)

Choose Dual Mono to set up the L and R mono output mode. There are four modes in this option: STEREO, MONO L, MONO R and MIX MONO.

REFERENCE:

1. To protect your DVD player, the interval between turning the unit on and off, via the Main Power button, should be more than 30 seconds.
2. If the unit will not be used for an extended period of time, please disconnect the power plug from the outlet.
3. The player should only be operated with the correct power supply that corresponds to the marking label. The incorrect power supply could damage the unit.
4. The player may not be compatible with some encrypted discs.
5. If the player stops during playback, eject the disc and power off the unit. Wait 10 minutes and power the unit back on.

STANDBY



- During playback, press **STANDBY** to stop the player and return to standby mode.
- While the player is in standby, press **STANDBY** or any key on the front panel to resume normal operation.

OPEN/CLOSE



- To open the disc tray, press **OPEN/CLOSE**.
- To close the disc tray, press **OPEN/CLOSE** again.

0-10+ keys



- These keys are used to input the time, as well as title, chapter and track numbers.
- When a numeric item is displayed on the screen, press the 0-10+ keys to select the desired entry, and press **SELECT** to confirm.

A-B



- During playback, press **A-B** to select point A.
- Press it again to select point B. The player will repeat the section from A to B automatically.
- Press **A-B** third time to cancel A-B repeat and clear points A and B.

- Note:**
1. During CD playback, points A and B must be within the same track.
During DVD playback, points A and B can be selected from different chapters.
 2. This function is subject to the disc.

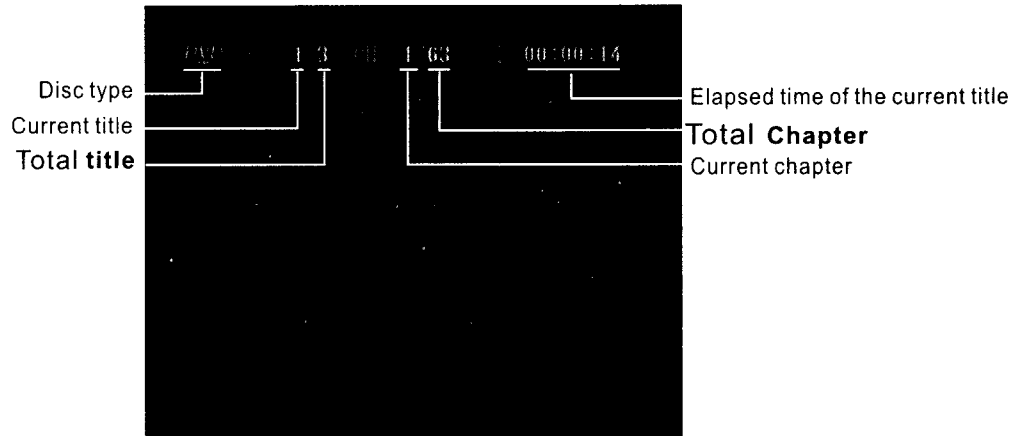
Remote Control Operation

Advanced Features

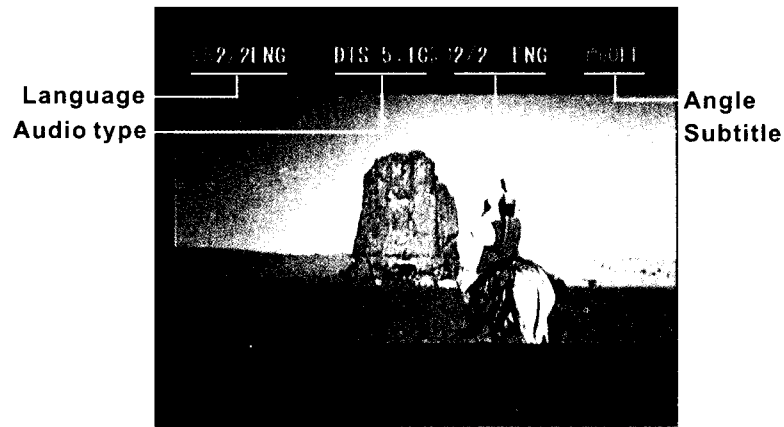
DISPLAY



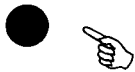
During playback, press DISPLAY to show the current time counter position.



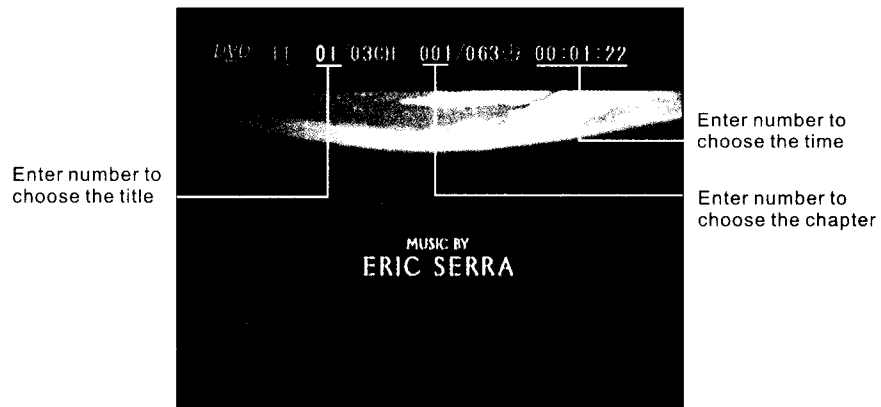
Press DISPLAY to show the Audio and Subtitle message menu.



TIME



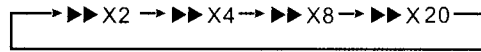
During playback, press TIME to display the TIME SEARCH menu.



Use the number keys to input the desired Time, Title or Chapter, then press ENTER to confirm.



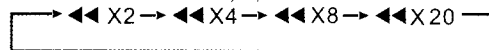
- During DVD or CD playback, press ►► once to play the next chapter, title or track.
- During DVD or CD playback, press and hold ►► to scan forward. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows:



- Press **PLAY** to resume normal playback.



- During DVD or CD playback, press ◀◀ to scan in reverse. The player will review the disc at 2, 4, 8 and 16 times normal speed as follows:



- Press **PLAY** to resume normal playback.

PREV



- Press **PREV** to skip to previous chapter or track.

NEXT

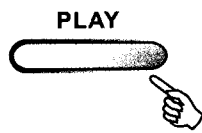


- Press **NEXT** to skip to the next chapter or track.

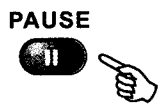
STOP



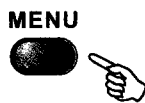
- Press **STOP** once during playback to stop and hold playback.
- Press **PLAY** to resume playback from the point you pressed **STOP**.
- Press **STOP** twice to stop playback completely.



- Press **PLAY** from stop mode to start playback.



- Press **PAUSE** during playback to pause playback.
- Press **PLAY** to resume normal playback.



- During DVD, playback , press **MENU** to return to the program menu.

Note: This function is subject to the disc.



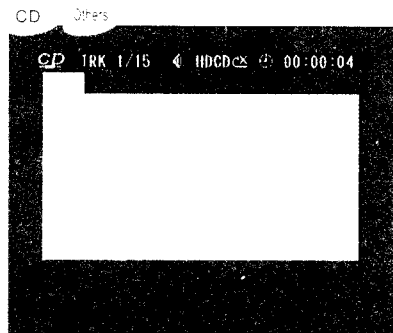
- During DVD playback, press **TITLE** to display the DVD title menu or play the first title.

Note: This function is subject to the disc.

PROG

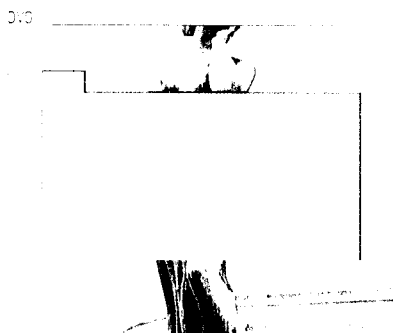


While [PROGRAM] is on, press ENTER to display the [Program] submenu:



Input the track numbers in the order you would like them to play. When finished, select [Play Program] and then press ENTER to play the tracks in the new programmed order.

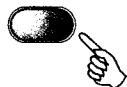
Select [Clear] and press ENTER to clear all the numbers you have input.



Input the title number and the chapter number in the desired order. Then select [Play Program] and press ENTER to play the chapters in the order you have set.

Select [Clear] and press ENTER to clear all the numbers you have input.

MODE



Press the MODE button to change the Video Output .There are 4 different outputs S-video,YUV,RGB and Y, Pb, Pr. When you have selected the incorrect output your screen will go blank. Continue to hit the Mode button to retrieve the correct connection.

SLOW



- Press slow repeatedly to slow motion playback at variable speeds.

STEP



- Press STEP during playback to pause playback.
- Press STEP repeatedly to play frame.
- Press play to resume normal playback.

REPEAT



- Select to press REPEAT to select Repeat Title, Repeat chapter, Repeat off During DVD playback.
- Press REPEAT to select Repeat Single, Repeat All and Repeat off (CD or Others).

VOL+ VOL-



- Press Volume <VOL+> button to increase Volume
- Press <VOL-> button to reduce volume till to no volume output.

MUTE

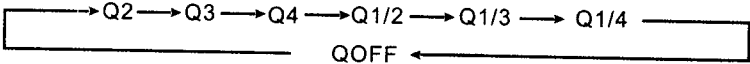


- Press MUTE to mute the Audio output
- Press MUTE again to resume normal audio output

ZOOM



- During DVD playback, press **ZOOM** to magnify the image as follows:



ANGLE



During DVD playback

- Press **ANGLE** to view scenes from different camera angles.
- Press **ANGLE** repeatedly to change from one camera angle to another.

Note: This function is disc specific.

LANGUAGE



During DVD playback

- Press **LANGUAGE** repeatedly to select from up to 8 audio languages/formats.

Note: This function is disc specific.

SUBTITLE



During DVD playback

- Press **SUBTITLE** repeatedly to select from up to 32 subtitle languages.

Note: This function is disc specific (languages will vary).

MP3 Playback

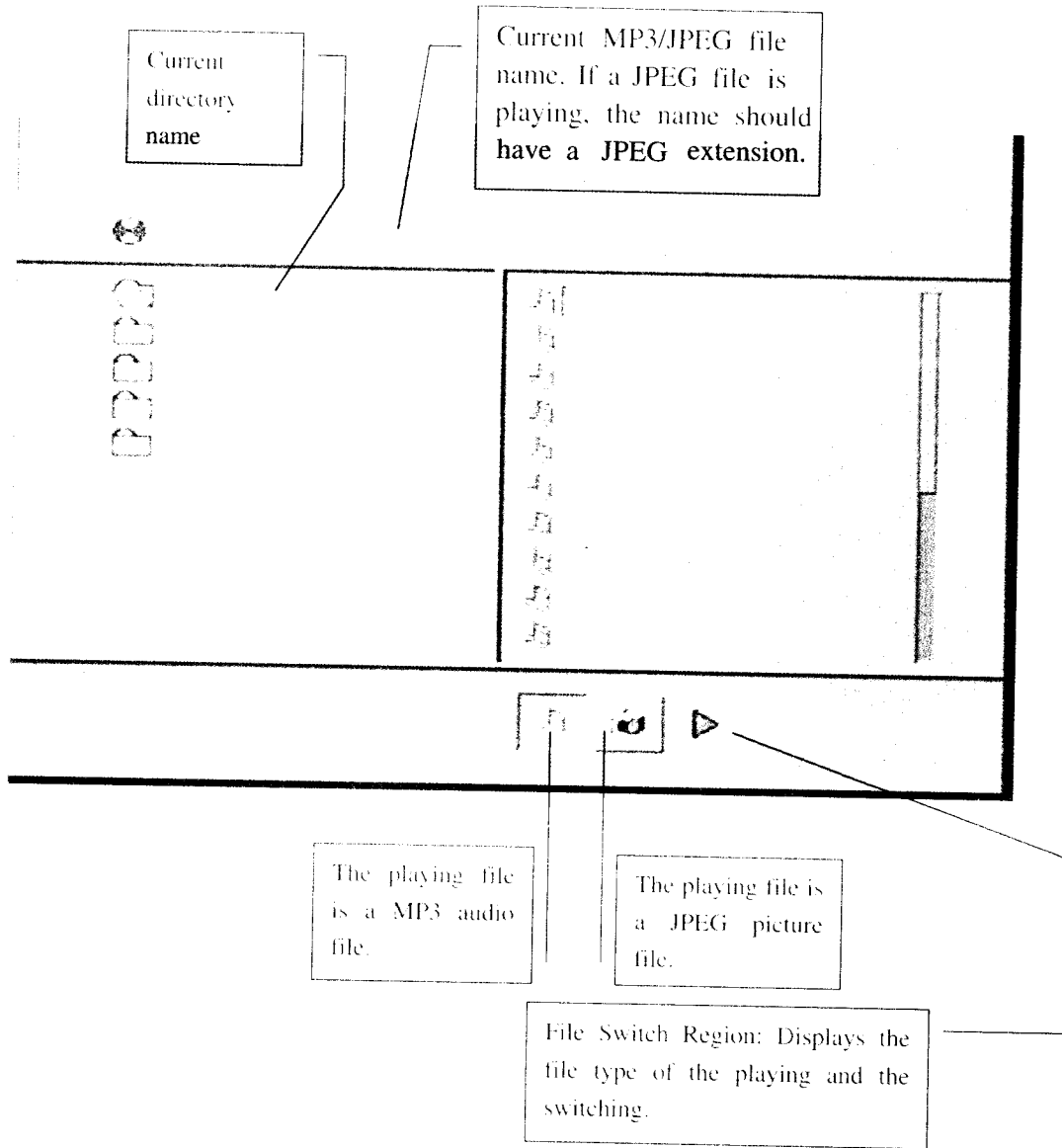
Advanced Features

Supported formats

- Disc format: ISO 9660, Joliet
- Music file format: MP3
- MP3 bit rate (data rate): 32 - 192 kbps
- Total number of music files and albums: around 350 per disc.
- Sampling rate: (CBR)32kHz/44.1kHz/48kHz/64kHz;

Note: The player will not identify or play a MP3 disc under the following conditions: the recording format is not supported (make sure the files are in MP3 format), the disc is badly scratched, damaged or dirty, the disc is not finalized.

When a MP3 disc is loaded, the screen will display as follows:



Press to select the file when the cursor appears in the file window.

Press **Select** to play the current file selected by the cursor.

Press to switch between the directory window and the file window.

The introduction of KODAK Picture CD

A Kodak Picture CD has the size and shape of a regular CD. You can order a KODAK Picture CD simply by checking the box on the photo finishing envelope when you drop off a roll of film (35 mm or Advanced Photo System (APS) color print film) at the time of processing in Kodak Express store displaying "Kodak Picture CD" sign. When your order is returned, you receive your prints, negatives, and your full roll of pictures safely stored on your KODAK Picture CD. Each KODAK Picture CD brings you the tools to enhance, share and manage your pictures on your computer. You also can record the JPEG picture into CD-R or CD-RW with the CD-Rewriter yourself.

- Note:**
1. The Max. Size of JPEG Picture can be supported: 3840X3840 pels
 2. JPEG stands for Joint Picture Experts Group. It is the first International Standard on Still Picture Compressing: ISO 10918-1, constituted by the Committee on Still Picture Compressing Standard of ISO. The pictures on KODAK Picture CD are stored in this format (JPEG). This player can decode the JPEG pictures in KODAK Picture CD and playback the pictures in different modes.

Now, you can playback Kodak Picture CDs on this player and view your wonderful pictures on your TV in the comfort of your living room.

When a Kodak Picture CD is inserted on a player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen.

General function:

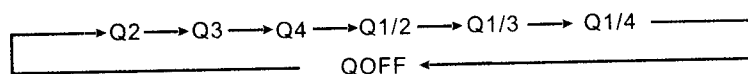
- You can set slideshow transition modes for any pictures.
- Press **PAUSE** to stop playing.
- Press **◀** or **▶** to see the previous or next picture.
- Press **PLAY** to continue slideshow transitions.
- Press **STOP** to return to root menu.

IMAGE ROTATION

- Press the **DIRECTION** button (↑ ↓ ← →) to rotation the image as you prefer.

Zoom Function:

This player provides both Zoom in/out and Zoom pan function. Press the **ZOOM** consecutively, the picture will zoom in/out in turn as followings:



- Note:** During the **ZOOM** function, slideshow transitions and image rotation are disabled.
Q off: close zoom, press **PLAY** again to resume slideshow transition mode.

If you have any questions, please consult the troubleshooting guide below.

NO PICTURE OR SOUND

- Ensure the power button is on.
- Ensure the power outlet is operational.
- Ensure the power cord is not damaged.
- Ensure the power plug is connected firmly to the outlet.

PICTURE BUT NO SOUND

- Ensure the audio jacks are securely connected.
- Ensure the audio connector is not damaged.
- Ensure the volume is turned up in VOL/CH setup.
- Ensure you have set the player's AUDIO settings correctly.
- Ensure you have entered the correct AV input for your TV.
- Ensure the audio is not set to mute.

SOUND BUT NO PICTURE

- Ensure the video jacks are securely connected.
- Ensure you have entered the correct AV input for your TV.
- Ensure the video connector is not damaged.
- Ensure you have set the player's VIDEO settings correctly.

POOR PICTURE OR SOUND

- Ensure you have set the player's AUDIO settings correctly.
- Ensure the disc is not scratched or stained.
- Ensure the AV connector or the output terminal is not damaged.

"BAD DISC" DISPLAYED

- Ensure the disc is not warped, damaged or deformed.
- Ensure the disc is not badly stained or damaged.
- Ensure the disc format is compatible with the player.
- Please check whether you have tried to play a software CD. If so, please restart the player.

REMOTE NOT WORKING

- Make sure the Main unit's POWER button is on.
- Ensure the remote batteries are working.
- Point the remote control directly at the player's IR sensor.
- Remove any obstacles between the remote and the IR sensor.

UNIT NOT WORKING

- Turn off the power, and then turn it on again.

"NO DISC" DISPLAYED

- Ensure you have put the disc on the tray.
- Ensure the disc is not upside down.
- Ensure the disc is not distorted, stained or scratched.

Power requirements: 110-220 Volt, 50/60Hz

Power consumption: 25W

Video standard: NTSC/PAL/AUTO

Unit Weight: 5.2 Lbs (2.35kg)

Video out

Video out: 1.0V(p-p)/75 Ω , sync, negative polarity, RCA pin Jack x 1

S-video output connector(separate Y、C signal output connector):

Y output: 1.0V(p-p)/75 Ω , sync, negative polarity

C output: 0.286 V(p-p)/75 Ω

Audio out

2.1channel out: 1.85V(rms)/10k Ω , RCA pin Jack(L,R) x 1

5.1channel out: RCA pin Jackx6

Coaxial out/Optical: 0.5V(p-p)/75 Ω , RCA pin Jack x 1

Frequency response: 20Hz to 20kHz

S/N ratio: >90dB

Total harmonic distortion: < 0.05%

[Accessories]

Video/Audio cable x3

Remote Control x1

User's Manual x1

1.5V AA batteries x2

Quick operation sheet x1

Warranty card x1

Specifications are subject to change without notice.

Weight and dimensions are approximate.

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